AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

Claim 1 (Currently Amended): A moving picture file distributing device which receives a moving picture file by uploading and stores it in storage device ~~means~~, and distributes the moving picture file stored in the storage device ~~means~~ to a client by downloading, comprising:

a server ~~section~~ directly connected to a buffer memory;

an upload buffer generating device ~~means~~ and a download buffer generating device ~~means~~ connected to said buffer memory;

said upload buffer generating device ~~means~~ dynamically generating an upload buffer for temporarily holding a moving picture file at the time of reception correspondently to an upload session identification number for a session; and

said download buffer generating device ~~means~~ dynamically generating a download buffer for temporarily holding a moving picture file at the time of distribution correspondently to a download session identification number for another session,

a file input/output section directly connected to the ~~upload and~~ download buffer generating device ~~means~~ and the buffer memory;

wherein the upload buffer is generated after the upload session identification number is received by the upload buffer generating device ~~means~~, and the download buffer is generated after the download session identification number is received by the download buffer generating device ~~means~~,

wherein the moving picture file distributing device is a server.

Claim 2 (Currently Amended): The moving picture file distributing device of claim 1,

further comprising:

~~means~~ a device for, after holding an entire moving picture file in the upload buffer is

completed, transferring the moving picture file to the storage device ~~means~~; and

~~means~~ a device for, after an entire moving picture file is transferred to the storage device

~~means~~, eliminating the upload buffer,

wherein the upload buffer generating device ~~means~~ generates an upload buffer when

uploading is started.

Claim 3 (Currently Amended): The moving picture file distributing device of claim 1,

further comprising:

~~means~~ a device for a fragment, which is a small part broken off from a moving picture, in

the upload buffer and transferring the fragment from the upload buffer to the storage device

~~means~~ by one fragment at a time; and

~~means~~ a device for eliminating the upload buffer after all the fragments in a moving

picture file are transferred to the storage device ~~means~~;

wherein the upload buffer generating device ~~means~~ generates an upload buffer when

uploading is started.

Claim 4 (Currently Amended): The moving picture file distributing device of claim 1, further comprising:

~~means~~ a device for, at the same time with the generation of the download buffer, transferring a moving picture file to be downloaded from the storage device ~~means~~ to the download buffer; and

~~means~~ a device for, after an entire moving picture file is downloaded, eliminating the download buffer,

wherein the download buffer generating ~~means~~ device generates a download buffer when downloading is started.

Claim 5 (Currently Amended): The moving picture file distributing device of claim 1, further comprising:

~~means~~ a device for transferring a moving picture file to be downloaded from the storage device ~~means~~ to the download buffer by one fragment at a time;

wherein said transfer is done concurrently with the generation of a download buffer; and

~~means~~ a device for downloading fragments from the download buffer, and eliminating the download buffer after all fragments in a moving picture file are downloaded,

wherein the download buffer generating device ~~means~~ generates a download buffer when downloading is started.

Claim 6 (Currently Amended): A moving picture file distributing device, comprising:

a network interface,

a server section directly connected to the network interface and a buffer memory;

an upload buffer generator and a download buffer generator connected to said buffer memory;

said upload buffer generator dynamically generates an upload buffer for temporarily holding a moving picture file after an upload session identification number for an upload session has been received; and

said download buffer generator dynamically generates a download buffer for temporarily holding a moving picture file after a download session identification number for a download session has been received,

a file input/output unit directly connected to the ~~upload and~~ download buffer generator and the buffer memory;

a storage unit connected to the file input/output ~~section~~ unit,

wherein the upload buffer is generated after the upload session identification number is received, and the download buffer is generated after the download session identification number is ~~notified~~ received,

wherein the moving picture file distributing device is a server.

Claim 7 (Previously Presented): The moving picture file distributing device according to claim 6, wherein,

a unique upload or download session identification number is created during each

occurrence of a new file to be uploaded or downloaded as requested by a user.

Claim 8 (Previously Presented): The moving picture file distributing device according to

claim 6, wherein,

the upload buffer generator dynamically generates a plurality of dynamic upload buffers.

Claim 9 (Previously Presented): The moving picture file distributing device according to

claim 6, wherein,

the download buffer generator dynamically generates a plurality of download buffers.